IMMEDIATE Z ATTENTION REQUIRED

Ĺ	Date:	11-20-03
T	· o:	$ \downarrow cN$ (6)
$\int_{-\infty}^{\infty} F$	rom:	Customer Service Branch, Letton
/ S	ubject:	EXPEDITED COMPLETION OF APPLICATION
D ne	ue to a cus eded by C	stomer inquiry, Application Number 09/128/17 is sustomer Service or needs to be processed immediately.
		tion is being returned because:
	The re Receip	esponse to the notice is inside the application/Missing Part or Filing of inside file not mailed.
	A new	notice with a new date is required/Corrected Notice.
	The no previou notice.	tice mailed was not the correct notice. Mail a letter of withdrawal of its notice and send the proper notice, if necessary/Corrected mail
	No noti soon as	ce mailed was necessary. Please process and mail a filing receipt as possible/Withdrawal Notice.
	Return t	this memo and the completed application to Customer Service for k.
	Please lo	ocate this file and give to Customer Service.
	Other: <u>L</u>	the spec + claims + 17 poges of drawing submitted At the
	Return th	nis memo to the Customer Service Desk no later than
	Complete	ed By:Date:
	Application	on's Name:
	Phone No)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Group Art Unit:

Byung-Kyu PARK et al

Examiner:

Serial No.: 09/728,117

Atty. Docket No.: 101190-00010

AUG 2 0 2003

Filed: December 4, 2000

For:

MULTI-CHANNELED LOOP HEAT TRANSFER DEVICE

WITH HIGH EFFICIENCY FINS

REQUEST FOR RECONSIDERATION OF NOTICE OF TERMINATION OF PROCEEDING AND PETITION FOR FILING DATE

Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

August 20, 2003

Sir:

In response to the Notice of Termination dated May 29, 2003, Applicants respectfully request that the Examiner reconsider his decision terminating the proceedings of the subject application in view of the attached materials and the following remarks.

Applicants respectfully submitted that the Notice of Incomplete Nonprovisional Application dated February 15, 2001, was never received by the Applicants' undersigned representative. Applicants' undersigned representative has made a careful search of the entire file jacket for the subject application and the Notice of Incomplete Nonprovisional Application dated February 15, 2001, was not present. A review of the docket records also indicates that the Notice was never received. Submitted herewith is a re-created copy of our computer docket sheet for April 15, 2001, which would have

RECEIVED

AUG 2 9 2003

OFFICE OF PETITIONS

and a copy of the front of the file jacket which would also have been marked. Our firm's typical mail handling procedure is for <u>all</u> mail to be docketed as soon as it is received, and for the file jacket to be marked with due date items. In view of the submission of evidence showing that the Notice of Incomplete Nonprovisional Application dated February 15, 2001, was never received, withdrawal of termination of proceedings of the above-identified application is proper. Therefore, it is respectfully requested that the Notice of Termination be withdrawn and the application returned to pending status.

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Further, it is petitioned that the subject application be granted its original filing date of December 4, 2000. In support of this request, enclosed is a copy of the stamped postcard receipt of December 4, 2000, by which receipt of the application papers for the subject application is acknowledged by the Patent and Trademark Office. As can be seen from the stamped postcard receipt, an application consisting of 35 pages of specification, declaration, drawings (17 sheets), assignment and small entity declaration were deposited in the Patent and Trademark Office on December 4, 2000, along with the required filing and recordation fees. It is respectfully submitted that a complete application was submitted to the Patent and Trademark Office on December 4, 2000, but it appears that the application papers were separated from the transmittal letter after being received in the Patent and Trademark Office. Further submitted as evidence are copies of the recorded Assignment papers which were returned to us. For the Examiner's convenience, we are enclosing a copy of all of the papers that were submitted on December 4, 2000.

In view of the attached evidence, it is respectfully requested that the application be granted its original filing date of December 4, 2000, and forwarded to the appropriate group for prompt examination.

In the event that any fees are due in connection with this paper, please charge our Deposit Account No. 01-2300.

Respectfully submitted,

ARENT FOX KINTHER PLOTKIN & KAHN, PLAC

George E. Oram, Jr. Attorney for Applicants Reg. No. 27,931

Customer No.: 004372 1050 Connecticut Avenue, N.W. Suite 400 Washington, D. C. 20036-5339

Tel (202) 857-6000 Fax (202) 638-4810

GEO:mmg

Enclosures: Re-Created Computer Docket Sheet of April 15, 2001 (copy); Front Cover of File

Jacket (copy); Stamped Postcard Receipt of December 4, 2000 (copy); Application as filed (including Specification (35 pgs.); Declaration; Drawings (17 sheets); Claim for Priority; Priority Document (1); Assignment; PTO-1595 Form; Small Entity Declaration); Notice of

Recordation and Recorded Assignment (copy)

Friday, July 25, 2003	3			Prosecution History	\	-		Page: 1
Case Number	Sub Date Case Country Attorney Due	try Attorn		Reason for Date/ Indicator	Action Type	Application Number	Filing Date S	Status
014873-00004	01 L	US RJB	15-Apr-2001	15-Apr-2001 MAINT FEE- GRACE US-MAINT FEE- PERIOD GRACE PERIOD Final Resp. Sent Date: 07-Mar-2001 Date Taken: 07-Mar-2001	US-MAINT FEE- GRACE PERIOD	08/192177	04-Feb-1994 Granted	branted
019075-00054	<u> </u>	US RJB	15-Apr-2001 Resp. Sent	15-Apr-2001 2 MON EXTENSION US-3MON. ACTION 09612198%7955 07-Jul-, Bemarks: Clt ltr 11/12/01 w/terminal disclaimer Resp. Sent Date: 16-Apr-2001 Date Taken: 16-Apr-2001 Abandoned per filing of Cont. 2/28/02	US-3MON. ACTION Remarks: Clt Taken: 16-Apr-2001 Ab	Remarks: Clt ltr 11/12/01 w/terminal disclaimer Apr-2001 Abandoned per filing of Cont. 2/28/02	07-Jul-2000 Abandoned isclaimer	Abandoned
023459-00023	1	US RJH	15:Apr-2001 E-3 Du Resp. Sent Da	15:Apr-2001 E-3 Due Date Resp. Sent Date: 12-Jan-2001 Date Taken: 12-Jan-2001	MISSING PRT 2MO Taken: 12-Jan-2001	09672831%2966	29-Sep-2000 Abandoned	Noandoned
07234-7008		NTO 90	15-Apr-2001	15-Apr-2001 REQUESTEXAM Reminder progression in Date	REQUEST EXAM JP Remarks: NA Taken: 15-Apr-2001 BA	QUESTEXAM REQUEST EXAM JP 08-524439 08-Feb-1996 Transfer'd minder in the control of the control	08-Feb-1996 Transfer'd Y DATE: AUGUST 11, 1993 F. FEB 8, 1996.	ransfer'd 5T 11, 1997.
					File to 23-01	File transferred to: Rader, Fishman & Grauer, PLLC 10- 23-01	shman & Grauer,	PLLC 10-
07234-7009		JP DTN	15-Apr-2001	15-Apr-2001 REQUESTEXAM Reminder Date	REQUEST EXAM JP Remarks: File t Date Taken: 15-Apr-2001 23-01	F EXAM JP 8-527756 08-Mar-1996 Transfer'd Remarks: File transferred to: Rader, Fishman & Grauer, PLLC 10-Apr-2001 23-01	08-Mar-1996 Transfer'd ishman & Grauer, PLLC	ransfer'd PLLC 10-

NATIONAL STAGE ENTRY DATE: --Sept 10, 1997.

Friday, July 25, 2003			Prosecution History	Å		Page: 2
Case Number	Sub Case Country Attorney Due	Date y Due	Reason for Date/ Indicator	Action Type	Application Number	Filing Date Status
08415-3039	US RKC	15-Apr-2001	15-Apr-2001 APPEAL BRIEF Due Date	APPEAL BRIEF Remarks: PC	BRIEF 08513865%2603 Remarks: PCT/EP94/00960 F. 3/26/94	26-Mar-1994 Granted
		Resp. Sen	Resp. Sent Date: 16-Apr-2001 Date Taken: 15-Apr-2001		6/30/03 - filed fee address in pay mfees.	6/30/03 - filed fee address indication form electing CPA to pay mfees.
08902-8029	AU GEO	15-Apr-2001 REQUEST	REQUEST EXAM	REQUEST EXAM AU	730489	15-Apr-1997 Abandoned
		Resp. Sen	Reminder t Date: 27-Nov-1998 Date	Remarks: (OI Taken: 27-Nov-1998 2/1. AS	Remarks: (Old serial no. 26646/97);SENT LTR TO ASSOC Nov-1998 2/14/01 W/INSTR TO ABANDON APPLN CONI ASSOC 2/20/01	Remarks: (Old serial no. 2646/97);SENT LTR TO ASSOC Resp. Sent Date: 27-Nov-1998 Date Taken: 27-Nov-1998 2/14/01 W/INSTR TO ABANDON APPLN CONF BY ASSOC 2/20/01
100158-8022	US DTN	15-Apr-2001	15-Apr-2001 APPEAL BRIEF E2	APPEAL BRIEF	09141316%9720	27-Aug-1998 Pending
:			Due Date	Remarks: LT	R FROM CLT DTD 1/31,	Remarks: LTR FROM CLT DTD 1/31/01 ENCLOSING DRAFT
<i>i</i> :		Resp. Sen	Resp. Sent Date: 15-Feb-2001 Date	Date Taken: 15-Feb-2001 132	132 DECL TRANSFERRED FILES TO RADER, FISHMAN & GRAUER, PLLC 10/11/01) RADER, FISHMAN &
100353-00015	US CMM	15-Apr-2001	15-Apr-2001 DRAWINGS DUE	DRAWINGS DUE	09610856%4830	06-Jul-2000 Granted
			Due Date	Remarks: CP.	Remarks: CPA IS PAYING MFEES PER LTR 3/26/02	ER LTR 3/26/02
			Date	Date Taken: 15-Apr-2001		
100353-00015	US CMM	15-Apr-2001	15-Apr-2001 Fee Due in 1 Month	US-Allowance	09610856%4830	06-Jul-2000 Granted
			Reminder	Remarks: CP.	Remarks: CPA IS PAYING MFEES PER LTR 3/26/02	ER LTR 3/26/02
		Resp. Sen	Resp. Sent Date: 11-May-200 Date	Date Taken: 15-Apr-2001		
100353-00028	US BKS	15-Apr-2001 E-2	E-2	MISSING PRT 2MO	09728120%3866	04-Dec-2000 Granted
			Due Date			
		Resp. Sen	Resp. Sent Date: 13-Feb-2001 Date Taken: 13-Feb-2001	Taken: 13-Feb-2001		
100353-9030	US CMM	15-Apr-2001 Application	Application Status Check	Application Status Check 09/419066	الم 09/419066	15-Oct-1999 Granted
		•		Remarks: CP.	Remarks: CPA to handle maintenance fees	fees

Case Sub Date Number Case Country Attorney Due 100545-00000 US CMM 15-A 100564-00016 US RBM 15-A 100564-8030 US RBM 15-A	Date ney Due 15-Apr-200	Design for Date/	Action	Application	Filing	
US CMA US RBM US RBM	15-		Type	Number	Date	Status
US RBM US RBM	Doen Co	15-Apr-2001 RESPONSE DUE - 1 EX Due Date	DUE - 1 EXT US-3 MON. ACTION	09350775%8721	09-Jul-1999	Granted
US RBM US RBM	INCOLU DE	Resp. Sent Date: 15-May-200 Date Taken: 16-Apr-2001	te Taken: 16-Apr-2001			
US RBM		15-Apr-2001 RESPONSE DUE - 1 EX	DUE - 1 EXT US-3 MON. ACTION	09581218%8220	22-Jun-2000 Transfer'd	Transfer'd
US RBM	Resp. Se	Due Date nt Date: 16-Mar-2001 Da	Resp. Sent Date: 16-Mar-2001 Date Taken: 16-Mar-2001 to R. Murray at Rothwell Figg 01/2003	Remarks: LTR FROM CLT DTD 6/26/01 ENCL DISKTransferred Mar-2001 to R. Murray at Rothwell Figg 01/2003.	6/01 ENCL DISK igg 01/2003.	Transferred
	15-Apr-200	15-Apr-2001 STATUS-FILE CON/DIV? US-Allowance	V? US-Allowance	09147502%4945	10-Jul-1997	Transfer'd
التاريب المراج المساوية والمراج والمراح والمراج والمراح والمراح والمراح والمراح والمراح والمراح والمراح والمراح والمراح والمرا	Resp. Se	Due Date ::	Resp. Sent Date: 10-Mar-2001 Date Taken: 10-Mar-2001 PCT/EP97/03668; FILED JULY 10, 1997 FEE ADD FORM FILED (CPA) 6-27-01	Remarks: Transferred to R. Murray at Rothwell Figg et al 01/2003 Mar-2001 PCT/EP97/03668; FILED JULY 10, 1997 FEE ADD FORM FILED (CPA) 6-27-01	t Rothwell Figg et IULY 10, 1997 CPA) 6-27-01	al 01/2003
(100734-9011, US HJC	15-Apr-200	15-Apr-2001 RESPONSE DUE	US-1 MON (RESTRICTION)	09448448%5046	24-Nov-1999 Abandoned	Abandoned
	Resp. Se	Due Date Resp. Sent Date: 09-Apr-2001 Date Taken: 09-Apr-2001	te Taken: 09-Apr-2001			
100813-00011 US DTN	15-Apr-200	15-Apr-2001 RESPONSE DUE - 2 EXT US-3 MON. ACTION	T US-3 MON. ACTION	09530953%1589	16-May-200 Transfer'd	Transfer'd
	Resp. Se	Due Date Remarks: Resp. Sent Date: 21-Feb-2001 Date Taken: 21-Feb-2001	Remarks: RE te Taken: 21-Feb-2001 TR GR	Remarks: REC CLT INST TO LET FILE GO ABANDONED 8-7-01 Feb-2001 TRANSFERRED FILES TO RADER, FISHMAN & GRAUER, PLLC 10/22/01	ILE GO ABAND O RADER, FISH	ONED 8-7-01 AAN &
101615-00008 CA RJB	15-Apr-200	15-Apr-2001 SEQUENCE LISTING DUE (2WK)	SEQUENCE LISTING CA	2326500	22-Apr-1999 Pending	Pending
WXT		Due Date nt Date: 12-Apr-2001 Da	Resp. Sent Date: 12-Apr-2001 Date Taken: 12-Apr-2001 Clt responsible for annuity fees per ltr 3/1/02	Remarks: Nat'l stage entry date: 10.23.00. Apr-2001 Clt responsible for annuity fees	3.00. fees per ltr 3/1/02	
101615-8007 US RJB	15-Apr-200	15-Apr-2001 1 MON EXTENSION	US-3MON. ACTION	09101807%1086	21-Aug-1998 Abandoned	Abandoned
		Due Date	Remarks: 12/	Remarks: 12/9/02 - rec'd clt instructs to allow appln to abandon	to allow appln to	abandon
	Resp. Sc	Resp. Sent Date: 15-Jun-2001 Date Taken: 15-Apr-2001	te Taken: 15-Apr-2001			

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Friday, July 25, 2003	3		Prosecution History	y			Page: 4
Case Number	Sub Case Country Attorney Due	Date :y Due	Reason for Date/ Indicator	Action Type	Application Number	Filing Date St	Status
101640-9004	WO RBM	15-Apr-2001 Resp. Sen	15-Apr-2001 RESP WRITTEN OPN. WRITTEN OPINIO U.S. U.S. (3MONTH) Reminder Resp. Sent Date: 26-Apr-2001 Date Taken: 26-Apr-2001	WRITTEN OPINION U.S.(3MONTH) Taken: 26-Apr-2001	US00/02530	01-Mar-2000 Transfer'd	ınsfer'd
102241-00000	US RBM	15-Apr-2001	15-Apr-2001 FILE COMP APPLN. Reminder Date	COMPLETE PROV APPLN. Remarks: Date Taken: 13-Apr-2001	Remarks: REC CLT INST TO ABANDON FILE 6-18-01 Apr-2001 Transferred to R. Murray @ Rothwell Figg 1/2003	15-Aug-2000 Transfer'd NDON FILE 6-18-01 @ Rothwell Figg 1/2003	ınsfer'd 03
102241-00000	US RBM	15-Apr-2001 8	MONTH REMINDI eminder	FOREIGN FILING-PROVISIONAL Remarks: Date Taken: 13-Apr-2001	I FILING- 60/225398 15-Aug-2000 Trans NAL Remarks: REC CLT INST TO ABANDON FILE 6-18-01 Apr-2001 Transferred to R. Murray @ Rothwell Figg 1/2003	15-Aug-2000 Transfer'd NDON FILE 6-18-01 @ Rothwell Figg 1/2003	ınsfer'd 03
102241-00006	CA RBM : TXW	RBM : 15-Apr-2001 REQ Rem TXW	REQUEST EXAM (Yearly Reminder Date		QUEST 1328727 15-Apr-1999 Transfer'd A) Remarks: Transferred to R. Murray at Rothwell Figg 01/2003 Apr-2001 Nat'l stage entry date: 10.13.00 CA nat'l stage appln based on PCT/IB99/00679 f. 4.15.99 (F2241-9002). Related cases: P2241-7024 (US), F2241-9002 (PCT), F102241-00004(EP), F102241-00005(JP), F102241-00007(IN).	15-Apr-1999 Transfer'd at Rothwell Figg 01/2003 13.00 ton PCT/IB99/00679 f. 4.15.5 es: P2241-7024 (US), F2241-004(EP), F102241-00005(JP),	nnsfer'd 103 : 4.15.99 F2241- 35(JP),
103022-00002	US GEO RJH	15-Apr-2001 Resp. Sen	15-Apr-2001 MISSING REQ E-1 PCT MISSING REQUIREMENTS Due Date Remarks: Resp. Sent Date: 11-Apr-2001 Date Taken: 11-Apr-2001	PCT MISSING REQUIREMENTS Remarks: Taken: 11-Apr-2001	SING 09744235%5185 24-Jan-2001 AbandonedMENTS Remarks: AU99/00590 F. 7/21/99NOT OF ACCEPTANCE REC'D Apr-2001 4-23-01 7/18/02 - rec'd clt instructs to abandon appln.	24-Jan-2001 Ab NOT OF ACCEPTAN s to abandon appln.	Abandoned NNCE REC'D

Friday, July 25, 2003			Prosecution History	tory			Page: 5
Case Number	Sub Case Country Attorney Due	Date by Due	Reason for Date/ Indicator	Action Type	Application Number	Filing Date S	Status
103232-00006	CN GEO	15-Apr-2001 Resp. Sen	15-Apr-2001 ASSIGNMENT DUE Final Resp. Sent Date: 15-Feb-2001 1	-Apr-2001 ASSIGNMENT DUE ASSIGNMENT DUE Final Resp. Sent Date: 15-Feb-2001 Date Taken: 15-Apr-2001	IENT DUE 99807472.1 17-Jun-1999 Published Remarks: CHINESE NATIONAL STAGE APPLICATION ENTRY Apr-2001 DATE: CHINESE NATIONAL STAGE ENTRY OF PCT/US99/12807 FOREIGN ASSOCIATE: JEEKAI INTELLECTUAL PROPERTY LTD.	17-Jun-1999 Published STAGE APPLICATION ENTF STAGE ENTRY OF : JEEKAI INTELLECTUAL	Published ON ENTRY CTUAL
:- :-					CORRESPONDING CASES: 03232-9006(PCT); 103232-00002(EP); 103232-00003(AU); 103232-00004(BR); 103232-00005(CA); 103232-00007(IL); 103232-00008 (JP); 103232-00001(NO); 103232-00012(NZ) PCT/US99/12807 F. 6/17/99	SES: 32-00002(EP); 10323 04(BR); 103232-0000 32-00008 (JP); 10323 10(MX); 103232-000	12- 05(CA); 32- 111(NO);
					per email dtd 6/14/02 from T White, there are no annuity fees due in China on pending patent applications, removed the annuity due on 6/17/02	m T White, there are ding patent applicatio)2	no annuity ons, removed
106145-00008	US LDA	15-Apr-2001 Resp. Sen	Apr-2001 RESP/MISSING PAR' Reminder Resp. Sent Date: 22-Jan-2001	15-Apr-2001 RESP/MISSING PART E-1 US-Missing Parts Reminder Resp. Scnt Date: 22-Jan-2001 Date Taken: 22-Jan-2001	09704706%4167	03-Nov-2000 Granted	Granted
107101-9008	US CMM	15-Apr-2001	15-Apr-2001 FAX-ISSUE FEE Reminder	US-Allowance Remarks:	ance 09335917%7043 18-Jun-1999 (Remarks: MF paid by CPA per client letter of 1/29/2002	18-Jun-1999 Granted nt letter of 1/29/2002	Granted
				Date Taken: 20-Apr-2001			

Friday, July 25, 2003	3		Prosecution History	A		Page: 6
Case Number	Sub Date Case Country Attorney Due	Date ey Due	Reason for Date/ Indicator	Action Type	Application Number	Filing Status
107156-00032	US GEO	15-Apr-2001	15-Apr-2001 Information Disclosure Stmnt Due Date	Information Disclosure Stmnt Remarks: CP.	n Disclosure 09736122%7729 15-L Remarks: CPA RESPONSIBLE FOR MFEES	15-Dec-2000 Granted IFEES
			Date	Date Taken: 16-Apr-2001 REO	REC NOTICE OF PUBLICATION 4-30-01 Clt ltr 12/11/01 received patent abstract of J	REC NOTICE OF PUBLICATION 4-30-01 Clt 1tr 12/11/01 received patent abstract of Japan 12/13/01
107156-00033	US GEO	15-Apr-2001	Information Disclosure Strant	Information Disclosure Stmnt	09730515%9005	15-Dec-2000 Granted
			ate	Remarks: Clt	Remarks: Clt ltr 12/17/02 received instr to file IDS & RCE	to file IDS & RCE
			Date	Date Taken: 16-Apr-2001 Clt	Clt ltr 12/9/02 received instr to file IDS & RCE	to file IDS & RCE
	,			ON .	NOT OF PUBLICATION REC'D 5-9-01	.C'D 5-9-01
			Alexander (No. 1 + Joseph	* * * * * * * * * * * * * * * * * * *	12/18/02 - recd cit instructs to claims	12/18/02 - recd clt instructs to prepare and file amended claims
107156-00034	US GEO	15-Apr-2001	15-Apr-2001 Information Disclosure Stmnt	Information Disclosure Stmnt	09730507%9003	15-Dec-2000 Granted
			Due Date Date	Remarks: JP. 3 Date Taken: 16-Apr-2001 NO	Remarks: JP 7/159645 f. 6/26/95 Apr-2001 NOT OF PUBLICATION REC'D 5-9-01	.C'D 5-9-01
				Reg	Registered with CPA.	
107156-00035	US GEO	15-Apr-2001	15-Apr-2001 Information Disclosure Stmnt	Information Disclosure Stmnt	09736401%7666	15-Dec-2000 Allowed
	ODD		Due Date Date	Remarks: NO Date Taken: 16-Apr-2001	Remarks: NOT OF PUBLICATION REC'D 5-14-01 Apr-2001	C'D 5-14-01
107156-9050	US GEO	15-Apr-2001	15-Apr-2001 Application Status Check	Application Status Check 09419069%9663	09419069%9663	15-Oct-1999 Granted
			Due Date	Data Talian 05-Fab. 2001		
			Date	1 ancii: 03-1 00-2001		

Friday, July 25, 2003	2003		Prosecution History	y			Page: 7
Case Number	Sub Case Country Attorney Due	Date sy Due	Reason for Date/ Indicator	Action Type	Application Number	Filing Date St	Status .
107346-00000	US LDA	15-Apr-2001	15-Apr-2001 1 MON EXTENSION Due Date	US-3MON. ACTION	09578915%8381	26-May-200 Granted	anted
		Resp. Sent	Resp. Sent Date: 16-Apr-2001 Date Taken: 15-Apr-2001	: Taken: 15-Apr-2001			
107348-00047	US CMM	15-Apr-2001	15-Apr-2001 RESP/MISSING PART DUE	US-Missing Parts	09747988%3626	27-Dec-2000 Published	blished
	RKC		Due Date				
		Resp. Sent	Resp. Sent Date: 18-May-200 Date	Date Taken: 16-Apr-2001			
107348-00049	US CMM	15-Apr-2001 E-3	E-3	MISSING PRT 2MO	09666587%5595	20-Sep-2000 Granted	anted
	:	in Market	Due Date	Remarks: 11/	Remarks: 11/22/02 - filed fee address indication form electing CPA	indication form elec	ting CPA
Mark of the		Resp. Sent	Resp. Sent Date: 02-Jan-2001 Date	Date Taken: 02-Jan-2001 to pay mfees	oay mfees		
107348-00051	ON SO	15-Apr-2001 E-2	E-2	MISSING PRT 2MO	09685861%2278	05-Oct-2000 Granted	anted
			Due Date		,		
**		Resp. Sent	Resp. Sent Date: 15-Feb-2001 Date Taken: 15-Feb-2001	Taken: 15-Feb-2001			
107348-00058	OW SU	15-Apr-2001	15-Apr-2001 RESP/MISSING PART E-1 US-Missing Parts	1 US-Missing Parts	09702819%1082	01-Nov-2000 Granted	anted
			Due Date	Remarks: 1/3	Remarks: 1/31/03 - CPA responsible for handling MFEE	for handling MFEE	
		Resp. Sent	Resp. Sent Date: 06-Mar-2001 Date Taken: 06-Mar-2001	: Taken: 06-Mar-2001			
107348-00072	US MO	15-Apr-2001	15-Apr-2001 RESP/MISSING PART E-1 US-Missing Parts	1 US-Missing Parts	29/131440	07-Dec-2000 Granted	anted
			Reminder				
		Resp. Sent	Resp. Scnt Date: 13-Feb-2001 Date Taken: 13-Feb-2001	Taken: 13-Feb-2001			
107348-9019	US BKS	15-Apr-2001	15-Apr-2001 FINAL AMENDMENT W/EXT-2	US-FINAL 3MONTH	09276691%2463	26-Mar-1999 Granted	anted
			Due Date	Remarks: JP	Remarks: JP 10-165601 f. 6/12/98 & 10-201217 f. 7/1/98	10-201217 f. 7/1/98	
		Resp. Sent	Date: 15-Mar-2001 Date	Resp. Sent Date: 15-Mar-2001 Date Taken: 15-Mar-2001 CPA RESPONSIBLE FOR MFEES	A RESPONSIBLE FOR	MFEES	

Friday, July 25, 2003		And the second s	Prosecution History	ry (1)			Page: 8
Case Number	Sub Case Country Attorney Due	Date y Due	Reason for Date/ Indicator	Action Type	Application Number	Filing Date Stz	Status
107355-00003	US CMM LDA	15-Apr-2001 Resp. Sen	15-Apr-2001 Foreign Filing Due Foreign Filing Final Resp. Scnt Date: 15-Nov-2000 Date Taken: 15-Nov-2000	Foreign Filing e Taken: 15-Nov-2000	09571661%2155	15-May-200 Pending	ıding
107380-00001	US GEO	15-Apr-2001 Resp. Sen	15-Apr-2001 RESPONSE DUE - 2 EXT Due Date Resp. Sent Date: 15-Mar-2001 Date	-Apr-2001 RESPONSE DUE - 2 EXT US-3 MON. ACTION 09207336%665 Remarks: Per client letter of Resp. Sent Date: 15-Mar-2001 Date Taken: 15-Mar-2001 fees through CPA.	N. ACTION 09207336%6652 08-Dec-1998 Granted Remarks: Per client letter of 12/5/01, client to handle maintenance Mar-2001 fees through CPA.	08-Dec-1998 Granted	anted
107400-9004	US RJH	13	15-Apr-2001 FAX-ISSUE FEE Reminder Resp. Sent Date: 26-May-200 Date	15-Apr-2001 FAX-ISSUE FEE US- ALLOWANCE/ALLOW ABILITY Resp. Scnt Date: 26-May-200 Date Taken: 18-Apr-2001 CPA responsible.	09309271%7291 16-A INCE/ALLOW Remarks: DIV OF 08/843443; FILED 4/16/97 Apr-2001 CPA responsible.	16-Apr-1997 Granted 4/16/97	anted
107400-9007	US CMM	N. 15-Apr-2001 RMDR-RE MAIGHT REPRESENTATION OF THE MAIN OF THE PARTY	Note that the second se	US-3 MON. ACTION 09368897%600 Remarks: CPA responsible. e Taken: 01-May-200	09368897%6060 A responsible.	06-Aug-1999 Granted	anted
107439-00024	US CMM	15-Apr-2001 Resp. Scn	15-Apr-2001 Information Disclosure Information Disclosus Stmnt Stmnt Due Date Pate Remarks: Resp. Sent Date: 14-Dec-2000 Date Taken: 14-Dec-2000	Information Disclosure Stmnt Remarks: CPA e Taken: 14-Dec-2000	nn Disclosure 09736123%8189 15-E Remarks: CPA RESPONSIBLE FOR MFEES Dec-2000	15-Dec-2000 Granted MFEES	ınıed
107439-00025	US CMM	15-Apr-2001	15-Apr-2001 Information Disclosure Stmnt Due Date Date	e Information Disclosure Stunt Remarks: CPA Date Taken: 16-Apr-2001	n Disclosure 09736400%7660 15-D Remarks: CPA RESPONSIBLE FOR MFEES Apr-2001	15-Dec-2000 Granted	anted
107443-00008	US GEO	15-Apr-2001	15-Apr-2001 RESPONSE DUE - 1 EXT Due Date Date: 08-Mar-2001 Date	US-3 MO	N. ACTION 09666860%5942 Remarks: SUBS DECL FILED 4/4/01	21-Sep-2000 Granted indication form electing (anted ing CPA

Friday, July 25, 2003				Prosecution History	A			Page: 9
Case Number	Sub Case Country Attorney Due	Attorney	Date Due	Reason for Date/ Indicator	Action Type	Application Number	Filing Date	Status -
108043-00001	OS MO	МО	15-Apr-2001	15-Apr-2001 IDS DUE (SEARCH REPORT) Final	US-IDS DUE (SEARCH 09666337%7014 REPORT) Remarks: CPA RESPONSIBI	UE (SEARCH 09666337%7014 21-S Remarks: CPA RESPONSIBLE FOR MFEES	21-Sep-2000 Granted	Granted
108043-00006	NS I	RJH	15-Apr-2001	15-Apr-2001 Information Disclosure Stmnt Due Date Date	e Information Disclosure Stmnt Remarks: Clt I Date Taken: 13-Apr-2001	nn Disclosure 09736125%8184 15-Dec-200 Remarks: Cit itr enclosed a copy of the search report Apr-2001	15-Dec-2000 Published search report	Published
1000-990861	Sn	CMIM	15-Apr-2001 RESPONSE Due Date Resp. Sent Date: 15-M	MM 15-Apr-2001 RESPONSE DUE - 2 EXT US-3 MON ACTIO Due Date Resp. Sent Date: 15-Mar-2001 Date Taken: 15-Mar-2001	DUE - 2 EXT US-3 MON ACTION ar-2001 Date Taken: 15-Mar-2001	09577373%3671	23-May-200 Granted	Granted
108075.9019		RJH .	H -y. 15-Apr-2001 Application	on Status Ch	leck Application Status Check 09419067%9661	lication Status Check 09419067%9661 15-Oct-1999 Granted 18:11 Remarks: 9/24/02 - rec'd clt instructs that CPA will handle the MFEE n: 01-Mar-2001	15-Oct-1999 Granied nat CPA will handle the N	Granted idle the MFEE
108081-00002	H da	RBM	15-Apr-2001 ANNUITY month Reminder Resp. Sent Date: 09-4		FEE DUE-1 FRGN-ANNUITY FEE 95921248.1 Remarks: CASE TRANSFE pr-2001 Date Taken: 09-Apr-2001 PER RBM 4/9/01	NUITY FEE 95921248.1 15-May-199 Abandonec Remarks: CASE TRANSFERRED TO NMMO 2/16/01CLOSED Apr-2001 PER RBM 4/9/01	15-May-199 Abandoned NMMO 2/16/01CLOSED	AbandonedCLOSED
108081-00003	CA	RBM	15-Apr-2001 ANNUITY I month Reminder Resp. Sent Date: 09-A		REE DUE-1 FRGN-ANNUITY FEE Remarks: CAS pr-2001 Date Taken: 09-Apr-2001 CLO	Remarks: CASE TRANSFERRED TO NMMO 2/16/01CASE Apr-2001 CLOSED PER RBM 4/9/01	15-May-199 NMMO 2/16/01	Abandoned CASE

Friday, July 25, 2003	2003		Prosecution History	y			Page: 10
Case Number	Sub Case Country Attorney Due	Date ey Due	Reason for Date/ Indicator	Action Type	Application Number	Filing Date Sta	Status
108099-00001	US RJB	15-Apr-2001	15-Apr-2001 PETITION TO REVIVE (1MO)	US- N/ABANDONMENT (REVIVE)	0902 <i>7777</i> %3626 [23-Feb-1998 Pending	nding
	RKC	Resp. Sen	Resp. Sent Date: 01-May-200 Date	Remarks: Date Taken: 01-May-200	Remarks: DIV OF 08/737927 May-200 REC DEC ON PET, PETITION FILED ON 5/1/01 IS GRANTED, LTR DTD 5-31-01 Rec'd exec assign from clt 10/25/01	1TION FILED ON 5/1/ -31-01 -10/25/01	SI 10,
108129-8004	US RBM	15-Apr-2001	15-Apr-2001 PETITION TO WITHDRAW	WITHDRAW ABANDONMENT	09125114%7439	18-Aug-1998 Transfer'd	ansfer'd
:	RKC		Due Date	Remarks:	Remarks: 8/12/02 - RCE filed with eot and prel amdt.	eot and prel amdt.	۲.
		<u> </u>	Date	Date Taken: 27-Mar-2001	PER PTO COMMUN, DEC ON PETITION FILED ON 3/27/01 IS GRANTED, LTR DTD 6/8/01	SC ON PETITION FIL TR DTD 6/8/01	ED ON
					Transferred to Robert Murray at Rothwell 1/2003	rray at Rothwell 1/200;	3.
108172-00002	WO RJB	15-Apr-2001	15-Apr-2001 SUBMIT POWER Due Date	POWER OF ATTY Remarks:	Remarks: LTR FROM CLT DTD 1/22/01 ENCLOSING	05-May-200 Expired 22/01 ENCLOSING	pired
	TXW		Date	: Taken: 07-Mar-2001	Date Taken: 07-Mar-2001 EXECUTED POARec'd cit itr dtd 9/18/01 w/instr to tile appln in the US only	cit itr dtd 9/18/01 w/ii	nstr to file
108172-00011	CN RLB	15-Apr-2001 ANNUITY Reminder	ANNUITY FEE LTR. Reminder	ANNUITY FEE Remarks:	FEE 98813905.7 15-Sep-1998 Remarks: CHINESE NATIONAL STAGE ENTERED	15-Sep-1998 Transfer'd	ansfer'd
	WXT			Date Taken: 15-Apr-2001	SEPTEMBER 18, 2000 CHINESE NATIONAL STAGE ENTRY OF PCT/US98/19065 FOREIGN ASSOCIATE: JEEKAI & PARTNERS Transferred to DHGF at Squire Sanders on 6/24/02	TAGE ENTRY OF JEEKAI & PARTNER quire Sanders on 6/24/	tS 02

Friday, July 25, 2003			Prosecution History	1		Page: 11
Case Number	Sub Case Country Attorney Due	Date ey Due	Reason for Date/ Indicator	Action Type	Application Number	Filing Date Status
108172-9002	US RJB	15-Apr-2001	15-Apr-2001 APPEAL BRIEF DUE (2EXT) Due Date	US-APPEAL BRIEF Remarks: RE Date Taken: 16-Apri-2001 01	09231361%3109 C CLT INST TO LET F	AL BRIEF 09231361%3109 13-Jan-1999 Abandoned Remarks: REC CLT INST TO LET FILE GO ABANDONED 7-13- Anr-2001 01
108341-8059	US RBM RJB	15-Apr-2001	15-Apr-2001 2 MON EXTENSION Due Date Date	Remarks: RE Date Taken: 16-Apr-2001 01	09125790%8190 C CLT INST TO LET F	Remarks: REC CLT INST TO LET FILE GO ABANDONED 5-15-Apr-2001 01
108391-00000	US CMM	15-Apr-2001	CMM 15-Apr-2001 RESPONSE DUE - 1 EXT US-3 MON ACTION 09578913%8376 26-May-200 Grant Due Date The Transmission of the CLT INST THAT NO DIV IS NECESSARY and the Company of the CPA will handle all annuity payments	1 EXT US-3 MON ACTION Remarks: RE Date Taken: 02-Apr-2001 6/1	REC CLT INST THAT NO 6/14/02 - rec'd clt instructs annuity payments	ON ACTION 09578913%8376 26-May-200 Granted Remarks: REC CLT INST THAT NO DIV IS NECESSARY 4-26-01 22-Apr-2001 6/14/02 - rec'd clt instructs that CPA will handle all annuity payments
108397-00002	US RJH	15-Apr-2001 Resp. Sent	15-Apr-2001 RMDR-RESP DUE (1MO). US-3 MON. ACTION Remarks: N Resp. Sent Date: 15-May-200 Date Taken: 15-Apr-2001) US-3 MON ACTION Remarks: MF e Taken: 15-Apr-2001	09536449%5153 FEES HANDLED BY CF	N ACTION 09536449%5153 28-Mar-2000 Granted Remarks: MFEES HANDLED BY CPA PER CLT LTR 4/4/02Apr-2001
108397-00021	US CMM	15-Apr-2001	15-Apr-2001 Information Disclosure Stmnt Due Date Date	Information Disclosure Stmnt Remarks: Rec Taken: 16-Apr-2001 10/ by	Remarks: Rec'd clt instr to file suppl resp 9/20/01Apr-2001 10/15/02 - recd fax stating that the mfees by CPA	The Enformation Disclosure 09736124%8188 15-Dec-2000 Granted Stmnt Remarks: Rec'd clt instr to file suppl resp 9/20/01 Date Taken: 16-Apr-2001 10/15/02 - recd fax stating that the mfees will be handled by CPA
108910-9015	US RJB	15-Apr-2001 Resp. Sent	15-Apr-2001 RMDR-RESP DUE (1MO) US-2 MON (QUAYLE) Reminder Resp. Sent Date: 15-May-200 Date Taken: 15-Apr-2001	IMO) US-2 MON (QUAYLE) Remarks: 312 Date Taken: 15-Apr-2001	09334562%5459 2 AMEND ENTERED P	N (QUAYLE) 09334562%5459 21-Jun-1999 Granted Remarks: 312 AMEND ENTERED PER PTO COMM DTD 10/15/01 Apr-2001

Friday, July 25, 2003)3				Prosecution History	A		Page: 1
Case Number	Sub Case C) Jountry	y Attor	Date Country Attorney Due	Reason for Date/ Indicator	Action Type	Application Number	Filing Date Status
014873-00004	10	Sn	RJB	15-Apr-2001 Resp. Sen	15-Apr-2001 MAINT FEE- GRACE US-MAINT FEE- PERIOD GRACE PERIOD Final Resp. Sent Date: 07-Mar-2001 Date Taken: 07-Mar-2001	US-MAINT FEE- GRACE PERIOD Taken: 07-Mar-2001	08/192177	04-Feb-1994 Granted
08415-3039		SN	RKC	15-Apr-2001	15-Apr-2001 APPEAL BRIEF	APPEAL BRIEF	08513865%2603	26-Mar-1994 Granted
				i	Due Date	Remarks:	Remarks: PCT/EP94/00960 F. 3/26/94	94
				Resp. Sen	Resp. Sent Date: 16-Apr-2001 Date Taken: 15-Apr-2001	Taken: 15-Apr-2001	6/30/03 - filed fee address	6/30/03 - filed fee address indication form electing CPA to
•	j				, 1 j		pay mfees.	•
100158-8022	·	SO	DIL	15-Apr-2001	US DTN15-Apr-2001 APPEAL BRIEF E2	API	09141316%9720 LTR FROM CLT DTD 1/3	PEAL BRIEF 09141316%9720 27-Aug-1998 Pending Remarks: LTR FROM CLT DTD 1/31/01 ENCLOSING DRAFT
	; = ;	:			-Feb-2001	Taken: 15-Feb-2001	132 DECL TRANSFERRED FILES TO RADER, FISHMAN & GRAUER, PLLC 10/11/01	O RADER, FISHMAN &
100353-00015	-	SN	CMM		15-Apr-2001 DRAWINGS DUE	DRAWINGS DUE	09610856%4830	06-Jul-2000 Granted
					Due Date	Remarks:	Remarks: CPA IS PAYING MFEES PER LTR 3/26/02	PER LTR 3/26/02
					Date	Date Taken: 15-Apr-2001		
100353-00015		SN	CMM		15-Apr-2001 Fee Due in 1 Month	US-Allowance	09610856%4830	06-Jul-2000 Granted
					Reminder	Remarks:	Remarks: CPA IS PAYING MFEES PER LTR 3/26/02	PER LTR 3/26/02
				Resp. Sen	Resp. Sent Date: 11-May-200 Date	Date Taken: 15-Apr-2001		
100353-00028		SN	BKS	15-Apr-2001 E-2	E-2	MISSING PRT 2MO	09728120%3866	04-Dec-2000 Granted
					Due Date			
				Resp. Sen	Resp. Sent Date: 13-Feb-2001 Date Taken: 13-Feb-2001	Taken: 13-Feb-2001		
100353-9030		NS	CMIM		15-Apr-2001 Application Status Check	Application Status Check 09/419066	heck 09/419066	15-Oct-1999 Granted
				Resp. Sen	Due Date Resp. Sent Date: 17-Apr-2000 Date Taken: 17-Apr-2000	Remarks: Taken: 17-Apr-2000	Remarks: CPA to handle maintenance fees Apr-2000 FEE ADD FORM FILED (CPA)	ce fees (CPA) 6-22-01

Number Case Country Attorney Due Indicator Type Number Date Status Status	Friday, July 25, 2003	, 2003			Prosecution History				Page: 2
US CMM 15-Apr-2001 RESPONSE DUE - 1 EXT US-3 MON ACTION 0933077398721 09-Jul-1999 Granted Due Date Resp. Sent Date: 13-May-200 Date Taken: 16-Apr-2001 CA RB 15-Apr-2001 SEQUENCE LISTING CA Remarks: Natl stage cutry date: 10.2 Apr-1999 Pending DUE (2WK) CA Remarks: Natl stage cutry date: 10.2 Apr-1999 Pending DUE (2WK) CA Remarks: Natl stage cutry date: 10.2 Apr-1999 Pending DUE (2WK) CA Remarks: Natl stage cutry date: 10.2 Apr-1999 Pending DUE (2WK) CA Remarks: Natl stage cutry date: 10.2 Apr-1999 Pending CA Pending Due Date Taken: 12-Apr-2001 CH responsible for annuity fees per lit 31/102 CA Resp. Senif Date: 15-Peb-2001 Date Taken: 15-Apr-2001	Case Number	Sub Case Co	ountry Attorn	Date iey Due	Reason for Date/ Indicator	Action Type	Application Number	Filing Date	Status
CA RJB 15-Apr-2001 SEQUENCE LISTING SEQUENCE LISTING 2726500 22-Apr-1999 Pending DUE (2WK) Due Date TXW Resp. Sent Date: 12-Apr-2001 Date Taken: 12-Apr-2001 Cl responsible for amunity fees per lit 31/102 CN GEO 15-Apr-2001 ASSIGNMENT DUE ASSIGNMENT DUE S9807721 17-Jmn-1999 Pending CHINESE NATIONAL STAGE APPLICATION ENTRY PROPERTY Series in 15-Apr-2001 Date Taken: 15-Apr-2001 DATE: CHINESE NATIONAL STAGE APPLICATION ENTRY OF PROPERTY CHINESE NATIONAL STAGE BENTRY OF PROPERTY CHINESE NATIONAL STAGE ENTRY CHINESE NATIONAL STAGES	00000#\$#\$0000		US CMM		1 RESPONSE DUE - 1 EXT Due Date	US-3 MON. ACTION	09350775%8721	09-Jul-1999	Granted
CN GEO 15-Apr-2001 ASSIGNMENT DUE 98074721 17-Jun-1999 Published ASSIGNMENT DUE 78074721 17-Jun-1999 Published ASSIGNMENT DUE 78074721 17-Jun-1999 Published ASSIGNMENT DUE 78074721 17-Jun-1999 Published TRIPS TXW Resp. Senit Date: 15-Feb-2001 Date Taken: 15-Apr-2001 DATE: CHINESE NATIONAL STAGE APPLICATION ENTRY OF PCT/US99/12807 PCT/	জাতীত্যিত হত ৩০০৪ .		CA RJB	15-Apr-2001	SEQUENCE LISTING DUE (2WK) Due Date 17-Apr-2001 Date 1	SEQUENCE LISTING CA Remarks: N	y 2326500 Vat'l stage entry date: 10.23 It responsible for annuity f	22-Apr-1999 .00. ees per ltr 3/1/02	Pending
US LDA 15-Apr-2001 RESP/MISSING PART E-1 US-Missing Parts Reminder	000-7	÷3, ; i	CN GEO	\mathcal{O}_{1} = \frac{1}{2} = \fracc{1}{2} = \frac{1}{2} = \frac{1}{2} = \fracc{1}{2} = \fracc{1}{	1	ASSIGNMENT DUE Remarks: C Taken: 15-Apr-2001 D P P	99807472.1 CHINESE NATIONAL STA DATE: CHINESE NATIONAL STA CT/US99/12807 CCT/US99/12807	17-Jun-1999 AGE APPLICAT AGE ENTRY OF EEKAI INTELLI	Published ION ENTRY
US LDA 15-Apr-2001 RESP/MISSING PART E-1 US-Missing Parts Reminder						0 0 0 1	CORRESPONDING CASE: 3232-9006(PCT); 103232-00003(AU); 103232-00004(03232-00007(IL); 103232-0009(KR); 103232-00010(03232-00012(NZ))	S: 00002(EP); 1032 (BR); 103232-00 00008 (JP); 1032 (MX); 103232-00	32- 005(CA); 332- 011(NO);
US LDA 15-Apr-2001 RESP/MISSING PART E-1 US-Missing Parts 09704706%4167 Reminder						D 42 13	er email dtd 6/14/02 from Sees due in China on pendin he annuity due on 6/17/02	T White, there ar ig patent applicat	e no annuity ions, removed
	106145-00008		l	15-Apr-2001	RESP/MISSING PART E-1 Reminder	US-Missing Parts	09704706%4167	03-Nov-2000	Granted

Variable Case Sub Date Reason for Date Action Number Date Status Number Date Status 107101-9008	Friday, July 25, 2003	03		Prosecution History	Ŷ.			Page: 3
US CMM 15-Apr-2001 FAX-ISSUE FEE US-Allowance	Case Number	Sub Case Country Attorne	Date y Due	Reason for Date/ Indicator	Action Type	Application Number	Filing Date	Status
National Contents	107101-9008		15-Apr-2001	FAX-ISSUE FEE	US-Allowance	09335917%7043	18-Jun-1999	
US GEO 15-Apr-2001 Information Disclosure Information Disclosus Sumnt Due Date Date Taken: 16-Apr-2001 Information Disclosure Stimnt Due Date Taken: 16-Apr-2001 Information Disclosure Stimnt Due Date Date Taken: 16-Apr-2001 Information Disclosure Stimnt Due Date Date Taken: 16-Apr-2001 Information Disclosure Stimnt Due Date Taken: 16-Apr-2001 Due Date Date Date Taken: 16-Apr-2001 Due Date Date Date Date Date Date Date Dat					Remarks: MF	paid by CPA per client	t letter of 1/29/20	02
Due Date Date Taken: 16-Apr-2001 US GEO 15-Apr-2001 Information Disclosure Stimut Due Date Due Date Date Taken: 16-Apr-2001 Stimut Date Taken: 16-Apr-2001 Stimut Date Taken: 16-Apr-2001 Stimut Date Taken: 16-Apr-2001 Stimut Date Taken: 16-Apr-2001	107156-00032		15-Apr-2001	Information Disclosure	Information Disclosure	09736122%7729	15-Dec-2000	Granted
US GEO 15-Apr-2001 Information Disclosure Information Disclosure Stmnt Stmnt Due Date But Remarks: US GEO 15-Apr-2001 Information Disclosure Information Disclosure Stmnt Due Date Taken: 16-Apr-2001 US GEO 15-Apr-2001 Information Disclosure Information Disclosure Stmnt Due Date Taken: 16-Apr-2001 US GEO 15-Apr-2001 Information Disclosure Information Disclosure Stmnt DDD Due Date Taken: 16-Apr-2001 DDD Due Date Remarks: DDD Due Date Remarks: DDD Due Date Remarks: DDD Due Date Remarks: DDD Due Date Taken: 16-Apr-2001				Sumin Due Date		A RESPONSIBLE FOR	NFEES	
US GEO 15-Apr-2001 Information Disclosure Information Disclosure Stmmt Due Date Due Date Date Taken: 16-Apr-2001 Stmmt Due Date Stmmt Due Date Date Taken: 16-Apr-2001 Stmmt Due Date Bate Taken: 16-Apr-2001 Stmmt Due Date Date Taken: 16-Apr-2001 Stmmt Due Date Date Taken: 16-Apr-2001 Bate Taken: 16-Apr-2001 Bate Taken: 16-Apr-2001 Bate Taken: 16-Apr-2001 Bate Taken: 16-Apr-2001						NOTICE OF PUBLIC Itr 12/11/01 received pa	CATION 4-30-01 atent abstract of J	apan 12/13,
Due Date Bate Taken: 16-Apr-2001 US GEO 15-Apr-2001 Information Disclosure Strmt Due Date Date Taken: 16-Apr-2001 Strmt Due Date Date Taken: 16-Apr-2001 Strmt Due Date Bate Taken: 16-Apr-2001 Strmt Date Taken: 16-Apr-2001 Date Taken: 16-Apr-2001 Date Taken: 16-Apr-2001 Due Date Strmt DDD Due Date Strmt Appr-2001 Due Date Strmt DDD Due Date Strmt Strmt Appr-2001	107156-00033	NS : GEO	15-Apr-2001	Information Disclosure Strnnt	Information Disclosure Stmnt	09730515%9005	15-Dec-2000	Granted Granted
US GEO 15-Apr-2001 Information Disclosure Information Disclosure Strant Due Date Date Taken: 16-Apr-2001 US GEO 15-Apr-2001 Information Disclosure Information Disclosure Strant Date Taken: 16-Apr-2001 US GEO 15-Apr-2001 Information Disclosure Information Disclosure Strant DDD Due Date Taken: 16-Apr-2001 Date Taken: 16-Apr-2001	,		: :	Due Date		ltr 12/17/02 received in	nstr to file IDS &	RCE
US GEO 15-Apr-2001 Information Disclosure Information Disclosur Stmnt Due Date Date Remarks: Date Taken: 16-Apr-2001 US GEO 15-Apr-2001 Information Disclosure Information Disclosur Stmnt DDD Due Date Taken: 16-Apr-2001 Date Taken: 16-Apr-2001 Date Taken: 16-Apr-2001		3. 3.		· ·		Itr 12/9/02 received ins	str to file IDS & F	CE
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US GEO 15-Apr-2001 Information Disclosure Information Disclosure Stmnt Stmnt Remarks: JP 7/159645 f. 6/26/95 Due Date Date Taken: 16-Apr-2001 NOT OF PUBLICATION REC' Registered with CPA. US GEO 15-Apr-2001 Information Disclosure Information Disclosure O9736401%7666 Stmnt Stmnt Stmnt Stmnt Stmnt Stmnt Stmnt DDD Due Date Taken: 16-Apr-2001 Date Date Date Taken: 16-Apr-2001 Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date Date					12/] clai	18/02 - recd clt instruct ms	ts to prepare and i	file amende
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US GEO 15-Apr-2001 Information Disclosure Information Disclosure 09736401%7666 Stmnt Stmnt DDD Due Date Date Taken: 16-Apr-2001 Registered with CPA. 99736401%7666 Date Taken: 16-Apr-2001				ate	Remarks: JP 7 e Taken: 16-Apr-2001 NO	/159645 f. 6/26/95 T OF PUBLICATION 1	REC'D 5-9-01	
US GEO 15-Apr-2001 Information Disclosure Information Disclosure 09736401%7666 Stmnt Stmnt Due Date Date Remarks: NOT OF PUBLICATION REC' Date Taken: 16-Apr-2001					Reg	istered with CPA.		
Due Date Date Taken: 16-	107156-00035		15-Apr-2001	Information Disclosure Stmnt	Information Disclosure Stmnt	09736401%7666	15-Dec-2000	Allowed (
Date Taken: 16-Apr-2001		QQQ		Due Date	Remarks: NO	T OF PUBLICATION I	REC'D 5-14-01	
				Date	e Taken: 16-Apr-2001			

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Friday, July 25, 2003	m		Prosecution History	>			Page: 4
Case Number	Sub Case Country Attorney Due	Date	Reason for Date/ Indicator	Action Type	Application Number	Filing Date S	Status .
107156-9050	US GEO	15-Apr-2001	15-Apr-2001 Application Status Check Due Date	Status Check Application Status Check 09419069%9663	K 09419069%9663	15-Oct-1999 Granted	ranted
				Date Taken: 05-Feb-2001			
107346-00000	US LDA	15-Apr-2001	15-Apr-2001 1 MON EXTENSION Due Date	US-3MON. ACTION	09578915%8381	26-May-200 Granted	ranted
		Resp. Ser	Resp. Sent Date: 16-Apr-2001 Date Taken: 15-Apr-2001	Taken: 15-Apr-2001			
107348-00047	US CMM	15-Apr-2001	15-Apr-2001 RESP/MISSING PART DUE	US-Missing Parts	09747988%3626	27-Dec-2000 Published	ublished
	RKC	`: I	Due Date				
	4. 4. 2.	Resp. Ser	Resp. Sent Date: 18-May-200 Date Taken: 16-Apr-2001	Taken: 16-Apr-2001			
1,07348-00049	US CMM	US CMM 15-Apr-2001 E-3	l E-3	MISSING PRT 2MO	, 09666587%5595	20-Sep-2000 Granted	ranted
		# 10 CHE. 1 Due Date	H.,	Fig. 8 de centace - Remarks: 41.	Remarks: 11/22/02 - filed fee address indication form electing CPA	ss indication form ele	cting CPA
			-Jan-2001	Date Taken: 02-Jan-2001 to pay mfees	pay mfees		
107348-00051	US MO	15-Apr-2001 E-2	l E-2	MISSING PRT 2MO	09685861%2278	05-Oct-2000 Granted	ranted
			Due Date				
		Resp. Ser	Resp. Sent Date: 15-Feb-2001 Date Taken: 15-Feb-2001	Taken: 15-Feb-2001	:		
107348-00058	US MO	15-Apr-2001	15-Apr-2001 RESP/MISSING PART E-1 US-Missing Parts	1 US-Missing Parts	09702819%1082	01-Nov-2000 Granted	ranted
			Due Date	Remarks: 1/3	Remarks: 1/31/03 - CPA responsible for handling MFEE	e for handling MFEE	
		Resp. Ser	Resp. Sent Date: 06-Mar-2001 Date Taken: 06-Mar-2001	Taken: 06-Mar-2001			
107348-00072	ON SU	15-Apr-2001	15-Apr-2001 RESP/MISSING PART E-1 US-Missing Parts	1 US-Missing Parts	29/131440	07-Dec-2000 Granted	ranted
			Reminder				
		Resn. Ser	Resn. Sent Date: 13-Feb-2001 Date Taken: 13-Feb-2001	Taken: 13-Feb-2001			

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107348-9019	Sub Case Country Attorney Due		Reason for Date/ Indicator	Action Type	Application Number	Filing Date Status
	US BKS	15-Apr-2001 FIN W/	15-Apr-2001 FINAL AMENDMENT W/EXT-2	US-FINAL 3MONTH	09276691%2463	26-Mar-1999 Granted
		Du Resp. Sent Da	Due Date Date: 15-Mar-2001 Date	Resp. Scnt Date: 15-Mar-2001 Date Taken: 15-Mar-2001 CPA RESPONSIBLE FOR MFEES	Remarks: JP 10-165601 f. 6/12/98 & 10-201217 f. 7/1/98 Mar-2001 CPA RESPONSIBLE FOR MFEES	0-201217 f. 7/1/98 JFEES
107355-00003	US CMM LDA	15-Apr-2001 Foreign Filing Due Final	eign Filing Due al	Foreign Filing	09571661%2155	15-May-200 Pending
		Resp. Sent Da	Resp. Sent Date: 15-Nov-2000 Date Taken: 15-Nov-2000	Taken: 15-Nov-2000		
107380-00001	US GEO	15-Apr-2001 RE	15-Apr-2001 RESPONSE DUE - 2 EXT US-3 MON. ACTION	US-3 MON. ACTION	09207336%6652	08-Dec-1998 Granted
The state of the s	. 1.58.00. Ch	Section Due Date	Due Date 15-Mar-2001 Date	Remarks: Per client letter of lar-2001 Date Taken: 15-Mar-2001 fees through CPA.	client letter of 12/5/01, c through CPA.	Remarks: Per client letter of 12/5/01, client to handle maintenance ken: 15-Mar-2001 fees through CPA.
107400-9004	US : RJH	15-Apr-2001 FAX-ISSUE Reminder Resp. Sent Date: 26-M	FAX-ISSUE FEE Reminder Date: 26-May-200 Date	-Apr-2001 FAX-ISSUE FEE ALLOWANCE/ALLOW ABILITY Reminder Resp. Sent Date: 26-May-200 Date Taken: 18-Apr-2001 CPA responsible.	09309271%7291 16-A NCE/ALLOW ; Remarks: DIV OF 08/843443; FILED 4/16/97 Apr-2001 CPA responsible.	16-Apr-1997 Granted
107400-9007	US CMM	15-Apr-2001 RIV Rea Resp. Sent Da	15-Apr-2001 RMDR-RESP DUE (1MO) US-3 MON. ACTION Reminder, Resp. Sent Date: 15-May-200 Date Taken: 01-May-200	US-3 MON. ACTION 09368897%600 Remarks: CPA responsible. Taken: 01-May-200	09368897%6060 A responsible.	06-Aug-1999 Granted
107439-00024	US CMM	15-Apr-2001 Information Stmnt Due Date Resp. Sent Date: 14-D	-Apr-2001 Information Disclosure Information Disclosus Stmnt Stmnt Due Date Besp. Sent Date: 14-Dec-2000 Date Taken: 14-Dec-2000	Information Disclosure Stmnt Remarks: CPA Taken: 14-Dec-2000	n Disclosure 09736123%8189 15-E Remarks: CPA RESPONSIBLE FOR MFEES Dec-2000	15-Dec-2000 Granted (FEES
107439-00025	US CMM	15-Apr-2001 Information Strnnt Due Date	Disclosur	e Information Disclosure Stmnt Remarks: CPA	nn Disclosure 09736400%7660 15-E Remarks: CPA RESPONSIBLE FOR MFEES	15-Dec-2000 Granted TEES

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Friday, July 25, 2003	03	Pro	Prosecution History			Page: 6
Case Number	Sub Case Country Attorney Due		Reason for Date/ Indicator	Action Type	Application Number	Filing Date Status
107443-00008	US GEO	15-Apr-2001 RES	15-Apr-2001 RESPONSE DUE - 1 EXT US-3 MON. ACTION Due Date Remarks: 8	US-3 MON. ACTION Remarks: SUE	N. ACTION 09666860%5942 Remarks: SUBS DECL FILED 4/4/01	21-Sep-2000 Granted
108043-00001	US MO	Resp. Sent Date 15-Apr-2001 IDS REP Fina	t Date: 08-Mar-2001 Date TIDS DUE (SEARCH REPORT) Final Date 1	Date Taken: 08-Mar-2001 72772 - 1100 a 2000 US-IDS DUE (SEARCH 09666337%7014 REPORT) Remarks: CPA RESPONSIBI Date Taken: 16-Feb-2001	Mar-2001 72702 - Inc. a 100 and 100 an	Resp. Sent Date: 08-Mar-2001 Date Taken: 08-Mar-2001 Mar-2001 Mar-2001 DS DUE (SEARCH 09666337%7014 21-Sep-2000 Granted REPORT) REPORT) Remarks: CPA RESPONSIBLE FOR MFEES Date Taken: 16-Feb-2001
108043-00006	US RJH	15-Apr-2001 Inform Straint Sequents of a Due D	nation Disclosur	Informatic Stmnt 'aken: 13-	n Disclosure 09736125%8184 15-Dec-2000 Remarks: Clt ltr enclosed a copy of the search report. Apr-2001	15-Dec-2000 Published earch report
,,108066-00011.	· · · · · US CMM ·	15-Apr-2001 RES Due Resp. Sent Date	15-Apr-2001 RESPONSE DUE - 2 EXT US-3 MON ACTION Due Date Resp. Sent Date: 15-Mar-2001 Date Taken: 15-Mar-2001	US-3 MON. ACTION Faken: 15-Mar-2001	09577373%3671	23-May-200 Granted
108075-9019	US RJH	15-Apr-2001 Appl Due	lication Status Ch Date	leck Application Status Check 09419067%9661 Remarks: 9/24/02 - rec'd clt i Date Taken: 01-Mar-2001	09419067%9661 /02 - rec'd clt instructs tha	Remarks: 9/24/02 - rec'd clt instructs that CPA will handle the MFEE Mar-2001
108099-00001	US RJB RKC	15-Apr-2001 PETITI (IMO) Reming Resp. Sent Date:	ION TO REVI ler 01-May-200	VE US- N/ABANDONMENT (REVIVE) Remarks: DIV Date Taken: 01-May-200 REC	800NMENT Remarks: DIV OF 08/737927 May-200 REC DEC ON PET, PETITION FILED ON 5/1/01 IS GRANTED, LTR DTD 5-31-01	23-Feb-1998 Pending N FILED ON 5/1/01 IS

Friday, July 25, 2003			Prosecution History	>			Page: 7
Case Number	Sub Case Country Attorney Due	Date Due	Reason for Date/ Indicator	Action Type	Application Number	Filing Date Status	Sn S
108391-00000	US CMM	15-Apr-2001 RESPONSE Due Date Resp. Sent Date: 02-A		DUE - 1 EXT US-3 MON. ACTION Remarks: REC pr-2001 Date Taken: 02-Apr-2001 ann	N. ACTION 09578913%8376 26-May-200 Granted Remarks: REC CLT INST THAT NO DIV IS NECESSARY 4-26-01 Apr-2001 6/14/02 - rec'd clt instructs that CPA will handle all annuity payments	26-May-200 Granted DIV IS NECESSARY 4-; that CPA will handle all	nted r' 4-26-01 all
108397-00002	US RJH	15-Apr-2001 Resp. Sent	15-Apr-2001 RMDR-RESP DUE (1MO) US-3 MON. ACTION Reminder Resp. Sent Date: 15-May-200 Date Taken: 15-Apr-2001	US-3 MON. ACTION Remarks: MFI Taken: 15-Apr-2001	N. ACTION 09536449%5153 28-Mar-2000 Granted Remarks: MFEES HANDLED BY CPA PER CLT LTR 4/4/02-Apr-2001	28-Mar-2000 Granted A PER CLT LTR 4/4/02-	nted /02
108397-00021	US CMM	15-Apr-2001 Information Stmnt	Information Disclosure Stmnt	Information Disclosure Stmnt	09736124%8188	15-Dec-2000 Granted	nted
Transcription of	12 - 12 - 12 - 12 - 12 - 12 - 12 - 12 -		Due Date	Date Taken: 16-Apr-2001 10/15/02 - recd fax stating that the mfees will be handled by CPA	Remarks: Rec'd clt instr to file suppl resp 9/20/01Apr-2001 10/15/02 - recd fax stating that the mfees by CPA	esp 9/20/01 hat the mfees will be	handled
108910-901519 17% 23%	. US RJB	15-Apr-2001 Resp. Sent	15-Apr-2001 RMDR-RESP DUE (1MO) US-2 MON (QUAYLE) 09334562%5459 Reminder Resp. Sent Date: 15-May-200 Date Taken: 15-Apr-2001	US-2 MON (QUAYLE) Remarks: 312 Taken: 15-Apr-2001	N (QUAYLE) 09334562%5459 21-Jun-1999 Granted Remarks: 312 AMEND ENTERED PER PTO COMM DTD 10/15/01 Apr-2001	21-Jun-1999 Granted ER PTO COMM DTD 10/	nted 0 10/15/01

#648-26, Yeoksam-Dong, Kangnam-Ku Seoul, Republic of Korea

Their Ref: AM-PA00-1111 Fax: 82-02-556-8288

FOX KINTNER PLOTKIN & KAHN, PLLC

1050 Connecticut Avenue, NW Washington, DC 20036-5339

CLIENT NAME: NEW MILLEYNIUM JULY PRIENT CLIENT REFERENCE: AM-

MATTER NO.:

FOREIGN FILIN	NG DOCKETED YES □ NO □
SMALLENTITY	:) YES INIT.
PATENT NO.: ORIG. DOCS IN	N FILE? YES D NO D
ISSUE DATE: CLIENT / MATT	ER NO.: 10/190-000/0
PATENT APPLICATION FILE	
(NEW CONT DIV CIP	REISSUE)
INVENTOR(S) VARK et al	
SERIAL NO. 09/728, 117 FILED	Jecombes 4, 2000
TITLE MULTI-CHAnneled Loop Heat T	RANSTER DEVICE
with High Efficiency Fins	-
ASSIGNEE: KOREA Institute of MACHINI	ery: Materials
	PRIORITY:
RELATED U.S. APPLICATIONS	····
SPECIAL CLIENT INSTRUCTIONS:	ATTORNEY FILE REVIEW
SPECIAL INSTRUCTIONS	DATE INIT
	DATE INIT
SMALL ENTITY	0.75

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